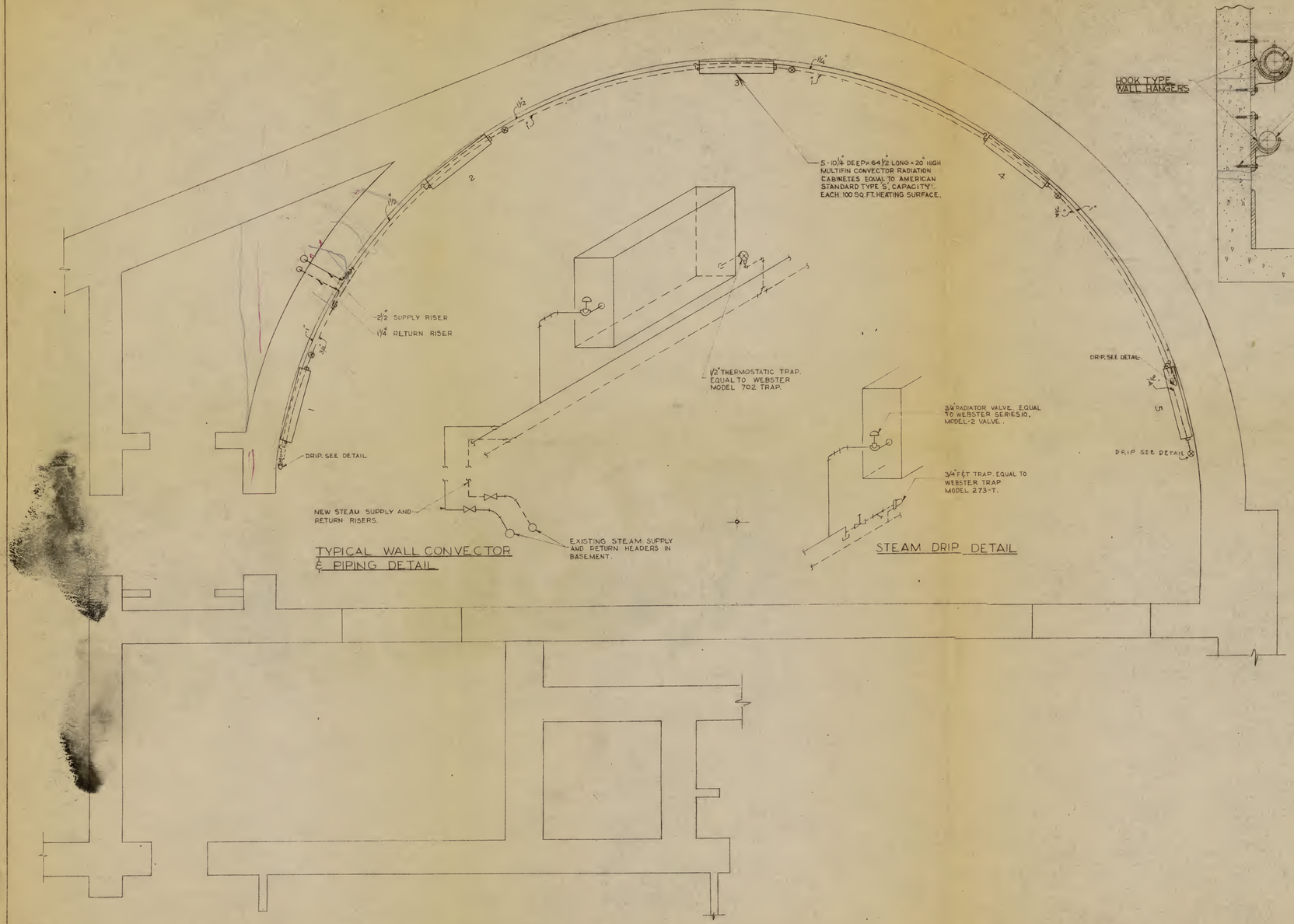
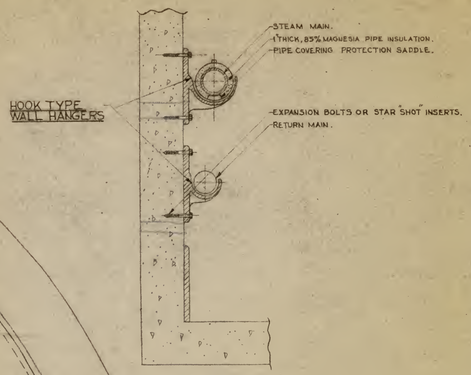


TYPICAL WALL CONVECTOR & PIPING DETAIL

STEAM DRIP DETAIL



NOTES:

1. CONVECTOR RADIATION SHALL BE AMERICAN STANDARD 'MULTIFIN' NON-FERROUS CONVECTORS FURNISHED AND INSTALLED COMPLETE INCLUDING CONVECTOR, TYPE 'S' ENCLOSURE AND ALL NECESSARY SUPPORTS FOR RIGIDLY SUPPORTING CONVECTOR AND ENCLOSURE. FROM THE WALL. ENCLOSURES SHALL BE PROVIDED WITH KNOCKOUTS IN SIDES FOR RECEIVING SUPPLY AND RETURN CONNECTIONS.
2. A PACKED OR PACKLESS TYPE RADIATOR VALVE SUITABLE FOR OPERATION ON STEAM SYSTEM SHALL BE PROVIDED ON THE SUPPLY CONNECTION TO EACH CONVECTOR.
3. A THERMOSTATIC TRAP SHALL BE PROVIDED ON THE RETURN CONNECTION OF EACH CONVECTOR.
4. A COMBINATION FLOAT AND THERMOSTATIC TRAP SHALL BE PROVIDED ON ALL STEAM PIPING DRIPS. A GATE VALVE AND STRAINER SHALL BE PROVIDED ON THE INLET SIDE OF EACH TRAP.
5. ALL TRAPS AND RADIATOR VALVE SHALL BE THE SAME AS NOW INSTALLED FOR EXISTING RADIATION AND PIPING.
6. A GATE VALVE SHALL BE PROVIDED ON THE RUNOUTS TO THE NEW STEAM SUPPLY AND RETURN RISERS NEAR POINTS OF CONNECTIONS TO EXISTING SUPPLY AND RETURN PIPING.
7. ALL GATE VALVES SHALL BE ALL-BRASS WITH NON-RISING STEMS AND SCREWED ENDS, AND SHALL BE OF THE TYPE THAT MAY BE PACKED WHILE UNDER PRESSURE. AND WIDE OPEN. GATE VALVES SHALL BE SINGLE WEDGE DISC TYPE, AND SHALL BE DESIGNED FOR A STEAM WORKING PRESSURE OF 125 P.S.I.
8. STRAINERS SHALL HAVE ELEMENTS OF BRONZE, BRASS OR OTHER APPROVED CORROSION RESISTING METAL, AND SHALL HAVE TOTAL FREE AREA THROUGH PERFORATIONS OF NOT LESS THAN FOUR TIMES THE AREA OF THE PIPE.
9. ALL PIPES SHALL BE STANDARD WEIGHT BLACK STEEL PIPE. FITTINGS SHALL BE CAST IRON STEAM PATTERN FITTINGS WITH SCREWED ENDS AND SHALL BE DESIGNED FOR A STEAM WORKING PRESSURE OF NOT LESS THAN 125 P.S.I.
10. ALL STEAM SUPPLY PIPING SUPPORTED ON WALL OF THE CLASS ROOM BELOW RADIATION AND THE PIPING FOR THE NEW STEAM SUPPLY AND RETURN RISER SHALL BE COVERED WITH 1" STANDARD THICK 85% MAGNESIA PIPE COVERING WITH FACTORY APPLIED CANVAS JACKET OR OTHER EQUAL AND APPROVED COVERING HAVING AT LEAST THE SAME THERMAL INSULATING VALUE. FITTINGS SHALL BE COVERED WITH MAGNESIA CEMENT AND FINISHED WITH A CANVAS-JACKET PASTED ON. PATCH EXISTING PIPE COVERING WHERE DISTURBED WHEN MAKING UPTO EXISTING PIPING.
11. STEAM SUPPLY AND RETURN MAINS SHALL BE SUPPORTED TO THE CURVED WALL OF CLASSROOM AND SHALL BE CURVED TO MATCH THE WALL CURVATURE.

LEGEND:

——————— LOW PRESSURE STEAM SUPPLY.
– – – – – – STEAM CONDENSATE RETURN.
——⊙—— STEAM RADIATOR VALVE.
——⋈—— STEAM GATE VALVE.
——⋈—— Y-STRAINER.
——⊗—— THERMOSTATIC STEAM TRAP.
——▷—— FLOAT AND THERMOSTATIC STEAM TRAP.

BK - HOVPEN

CONTRACTORS JOB NO. C-117
ARCH. PROJECT NO. 61-5

THE CORCORAN GALLERY OF ART
17TH. ST. & NEW YORK AVE., N.W.
WASHINGTON, D.C.

FAULKNER, KINGSBURY & STENHOUSE ARCHITECTS
1710 H STREET, N. W. WASHINGTON 6, D. C.

DATE AUG. 7th. 1961
DRAWN BY C.P.A.
CHECKED BY C.B.
SCALE 1/4" = 1'-0"

WILBERDING CO., INC.
ENGINEERS
8023 - 20th STREET, N.W.
WASHINGTON 6, D.C.

HEATING FOR CLASSROOM OVER AUDITORIUM

FKS
CH-1H